IAP15 Rec'd PCT/PTO 03 JAN 2007

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FORM (REV.	PTO-1 01-2003		E PATENT & TRADEMARK OFFICE	ATTORNEY'S DOCKET NUMBER 128601						
		ANSMITTAL LETTER TO TI ESIGNATED/ELECTED OF	- I	U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/584,940						
		ONCERNING A FILING UN		7,5135 1,6 15						
		TIONAL APPLICATION NO. 005/002188	INTERNATIONAL FILING DATE February 8, 2005	PRIORITY DATE CLAIMED February 10, 2004						
TITLE OF INVENTION METHOD OF ESTIMATING TEMPERATURE OF GAS MIXTURE FOR INTERNAL COMBUSTION ENGINE										
APPLICANT(S) FOR DO/EO/US Taku IBUKI; Shigeki NAKAYAMA										
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:										
1.		This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.								
2.	\boxtimes	This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.								
3.		This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.								
4.		The US has been elected (Article 31).								
5.		A copy of the International Application as filed (35 U.S.C. 371(c)(2))								
		a. is attached hereto (required only if not communicated by the International Bureau).								
		b. has been communicated by the International Bureau.								
		c. 🔲 is not required, as the application was filed in the United States Receiving Office (RO/US).								
6.		An English language translation of the International Application as filed (35 U.S.C. 371(c)(2))								
		a. 🔲 is attached hereto.								
		b. has been previously submitted under 35 U.S.C. 154(d)(4).								
		c. The International Application was filed in English.								
7.		Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))								
		a. are attached hereto (required only if not communicated by the International Bureau).								
		b. have been communicated by the International Bureau.								
		c. have not been made; however, the time limit for making such amendments has NOT expired.								
		d. have not been made and will not be made.								
8.		An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).								
9.		An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).								
10.		An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).								
Items 11 to 20 below concern document(s) or information included:										
11.	\boxtimes	An Information Disclosure Stateme	ent under 37 CFR 1.97 and 1.98.							
12.		An assignment document for recor	ding. A separate cover sheet in co	empliance with 37 CFR 3.28 and 3.31 is included.						
13.		A preliminary amendment.								
14.		An Application Data Sheet under 37 CFR 1.76.								
15.		A substitute specification.								
16.		A power of attorney and/or change	of address letter.							
17.		A computer-readable form of the se	equence listing in accordance with	PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.						
18.		A second copy of the published international application under 35 U.S.C. 154(d)(4).								
19.		A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).								
20.		Other items or information:								

21.	J.S. APPLICATION NO. (if known, see 37 C.F.R. 1.5) INTERNATIONAL APPLICATION NO. PCT/JP2005/002188			ATTORNEY'S DOCKET NUMBER							
BASIC NATIONAL FEE (37 CFR 1.492(b)(1)-(3)): International preliminary examination report or written opinion prepared by the USPTO as IPEA or ISA and favoreble as to novelly, inventive step, and industrial applicability for all claims presented in the application entering the national phase. S 0.00 International search fee (37 CFR 1.445(a)(2)) paid to USPTO as ISA				<u> </u>							
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EXAMINATION FEE (37 CFR 1.492(c)(1)-(2)): International preliminary examination report or written opinion prepared by the USPTO as IPEA or ISA and favorable as to novelty, inventive step, and industrial applicability for all claims presented in the application entering the national phase	International search report provided to US the search fee is paid										
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SEND ALL CORRESPONDENCE TO:	SEND ALL CORRESPONDENCE TO:										
OLIFF & BERRIDGE, PLC											
Customer Number: 25944 NAME: James A. Oliff REGISTRATION NUMBER: 27,075)75										
	Date January 3 2007	Date <u>January 3, 2007</u> NAME: Kristin K. Vidovich									
REGISTRATION NUMBER: 41,448	<u> </u>		48								